



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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July 11, 2000

CERTIFIED RETURN RECEIPT
Z 230 748 212

Lawnie Mayhew
Harper Contracting, Inc.
8201 West 5400 South
P.O. Box 18400
Kearns, Utah 84118

Re: Initial Review of Revised Large Mining Operations Notice, Harper Contracting, Parleys Canyon Rock Quarry, M/035/012, Salt Lake County, Utah

Dear Mr. Mayhew:

The Division has completed a review of your draft Large Mining Notice (NOI) for the Parleys Canyon Rock Quarry mine, located in Salt Lake County, Utah, which was received March 8, 2000. Please accept our apology for the unforeseen delay in not providing a more expeditious response. After reviewing the information, we have determined that this notice meets the criteria to be considered a revision to the original plan; which requires that we publish a 30-day public comment in the local newspapers, once tentative approval has been granted.

The Division has the following technical comments which will need to be addressed before tentative approval may be granted. The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion. If possible, please provide a response to this review by August 11, 2000.

The Division will suspend further review of the Parleys Canyon Rock Quarry mine NOI until your response to this letter is received. If you have any questions in this regard please contact me, Tony Gallegos, Doug Jensen, or Tom Munson of the Minerals Staff. If you wish to arrange a meeting to sit down and discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb

Attachment: Review

cc: JBR Environmental Consultants, Inc./
M35-12-rvw *Wm. Fuller*

REVIEW OF NOTICE OF INTENTION TO AMEND LARGE MINING OPERATIONS

**Harper Contracting Inc.
Parleys Canyon Rock Quarry**

M/035/012

R647-4-105 - Maps, Drawings & Photographs

105.1 Topographic base map, boundaries, pre-act disturbance

Plate 1 notes the disturbed area as 64.0 acres, on page 2, Previous Operations, the disturbed acreage is noted as 60.4 acres. Please explain this discrepancy. (DJ)

105.2 Surface facilities map

Plate 2 notes an alternate upper primary crusher station. This crusher site was approved in an amendment which was submitted on January 13, 1998. This additional crushing facility and the components were listed and became a part of the surety at that time. The surety, as calculated by JBR, does not allow for the removal of these components. If this additional facility will not become a part of the present plan it should be removed, or be included in the reclamation surety calculations. (DJ)

Plate 5A of the January 13, 1998 amendment notes two newly disturbed areas totaling 3.5 acres. These areas are not completely included on Plate 4 Rehabilitation Map in the recent NOI. Please explain. (DJ)

105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)

Please provide north-south & east-west cross sections of the pit area. Cross sections should show present ground surface, the surface after mining and after reclamation. (DJ)

R647-4-107 - Operation Practices

107.1.15 Constructing berms, fences, etc. above highwalls

The final pit highwall will require guarding against accidental intrusion. Please provide fencing and signs to provide appropriate warning to the public. Please identify the areas where these structures will be placed. (DJ)

107.2 Drainages to minimize damage

The current plan has changed enough to involve the ephemeral drainage in the area and routing it through the pit floor at reclamation or adjacent to the site. As stated in the plan, under section 6.1.1, there is one unnamed 215 acre intermittent southeast-draining tributary to Parleys Creek. The plan states that this drainage is routed across the disturbed area and into highway culverts or underpasses to I-80. The plan does not provide enough detail regarding drainage and the handling of disturbed area drainage running through the site and undisturbed drainage potentially coming onto the site from drainage areas up canyon from the site. The plan states that the Forest Service road handles drainage from above the site by the use of culverts. The plan needs to be upgraded to provide more detailed maps showing drainage routing plans, both during operations and post mining. Please describe how the safeguards are in place to prevent major storm events potentially causing highway culverts being blocked from debris. (TM)

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Initial Review - Amendment

M/035/012

July 6, 2000

R647-4-109 - Impact Assessment

109.1 Impacts to surface & groundwater systems
see comments under 107.2 (TM)

R647-4-110 - Reclamation Plan

110.2 Roads, highwalls, slopes, drainages, pits, etc., reclaimed

The current plan states that the drainages will be left the same or will be routed through the pit. The plan needs more details regrading the final deposition of all drainage in the area and what safeguards are to be left in place to prevent blockage of highway culverts from extreme storm events. (TM)

R647-4-111 - Reclamation Practices

111.1 Public safety & welfare

1.15 Constructing berms/fences above highwalls

See comment under R647-4-107.1.15 (DJ)

R647-4-112 - Variance

No variances were requested.

R647-4-113 - Surety

The 1/18/96 surety calculation used \$410/acre for a cost for ripping roads, pit floors, and benches the current NOI calculates this cost at a reduced rate. Please explain the rate reduction. (DJ)

The surety calculations for the January 13, 1998 amendment, contained calculations for the removal of a second crushing facility which is not reflected in the new NOI. Please add these components into the surety calculations or provide an explanation for the removal. (DJ)

In the March 6, 2000, NOI calculations under Section 9.4 Roads and Operation Areas - ripping was provided for 28.9 acres of pit floors and benches. In Section 9.6 Revegetation - the reclaimed pit floors and benches are described as 43.2 acres. Please explain the difference in acreage. Also in Section 9.6 the total acres to be revegetated is calculated at 43.2 (roads at 1 acre, pit floors at 26.2 acres and pit benches at 17.0 acres = 44.2 acres). Please explain the difference. (DJ)

Under Section 9.11 Escalation - The present escalation factor used by the Division is 3.27% per year.

R647-4-115 - Confidential Information

No confidential information is included in the Notice (DJ)